

Pump arrangement with high pressure radial piston pump having eccentric drive has piston unit hydraulically biased against eccentric ring in application position by resulting pressure

Publication number: DE19906626
Publication date: 2000-04-13
Inventor: PAWELLEK FRANZ (DE); ARNOLD BERNHARD (DE)
Applicant: MANNESMANN REXROTH AG (DE)
Classification:
- **international:** **F04B1/04; F04B1/00;** (IPC1-7); F04B1/04
- **European:** F04B1/04K5B
Application number: DE19991006626 19990217
Priority number(s): DE19991006626 19990217; DE19981046020 19981006

Report a data error here

Abstract of DE19906626

The pump arrangement has a high pressure pump of radial piston type with at least one pump unit (34,35) in which a piston unit (38) is guided and biased against an eccentric drive with an eccentric ring (56) so that rotation of an eccentric element can be converted into a stroke of the piston unit to suck and compress a hydraulic medium in a displacement chamber. The piston unit is hydraulically biased against the eccentric ring in the application position by a resulting pressure.

Data supplied from the **esp@cenet** database - Worldwide